AMENDMENTS TO THE SPECIFICATION

Please replace the second paragraph on page 11 with the following amended

paragraph:

If a link is in state D for a predetermined time ~~Tb~~ Td or more, the state changes to state E.

Likewise, if the link is in state B for a predetermined time Tb or more, the state changes to state

A. That is, if the connected or disconnected state of the link continues for a predetermined time

or more, it is determined that the hit of the link is terminated.